

STRUCTURE AND FABRICATION OF DEVICE, SUCH AS  
LIGHT-EMITTING DEVICE OR ELECTRON-EMITTING DEVICE,  
HAVING GETTER REGION

By

5                   Christopher J. Curtin,  
                      Duane A. Haven,  
                      Theodore S. Fahlen,  
                      George B. Hopple,  
                      Lawrence S. Pan,  
10                  Igor L. Maslennikov,  
                      Michael J. Nystrom,  
                      Jun Gordon Liu,  
                      Randolph S. Gluck,  
                      Tomoo Kosugi,  
15                  James C. Dunphy, and  
                      David L. Morris

ABSTRACT

A light-emitting device is provided with getter  
20 material (58) that can readily be distributed in a  
relatively uniform manner across the device's active  
light-emitting portion. An electron-emitting device is  
similarly provided with getter material (112, 110/112,  
128, 132, and 142) that can readily be distributed  
25 relatively uniformly across the active electron-  
emitting portion of the device. Techniques such as  
thermal spraying, angled physical deposition, and  
maskless electrophoretic/dielectrophoretic deposition  
can be utilized in depositing the getter material.